

FRONTLIT ILLUMINATED TOUCH PANEL

Abstract

5 A frontlit touch panel for use with a reflective light valve, comprising a front light guide having at least one light input face that supplies light to the guide, a viewing face, a light output face opposite the viewing face, and at least one component of a touch-sensitive transducer, the light output face having a light extraction layer thereon having a substantially flat light exit face and containing buried reflective facets that extract supplied light from the guide through the light exit face. The touch panel can be used
10 with a light source, reflective light valve and suitable control electronics to form a compact, efficient illuminated touch panel display assembly.